

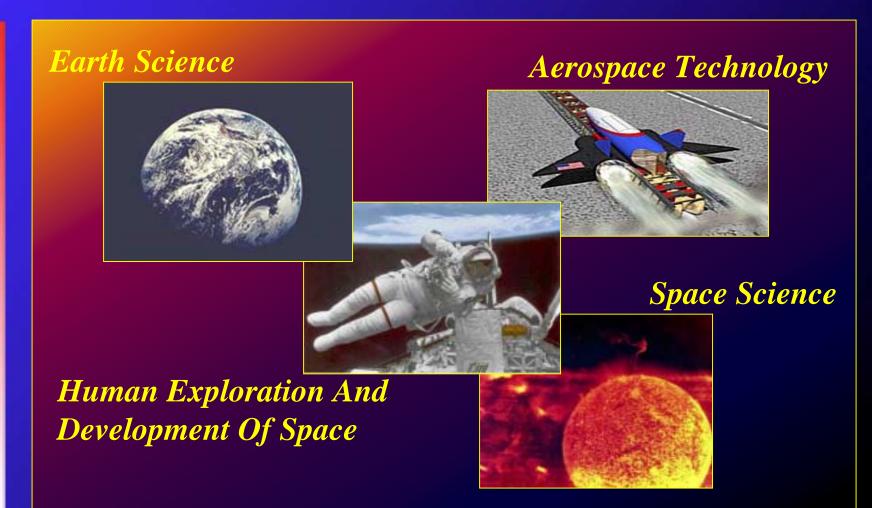
Sun-Earth Connection:



A New Perspective



Main Areas Of Research





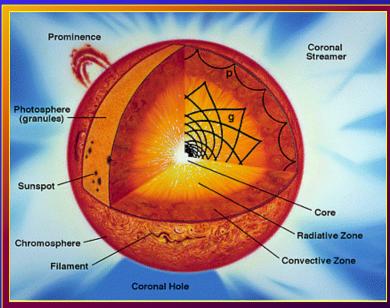
Importance of Space Technology

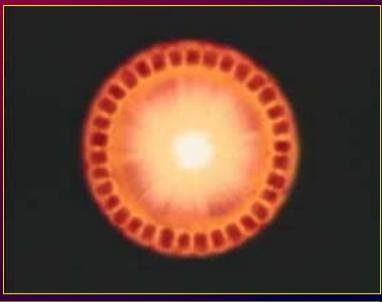


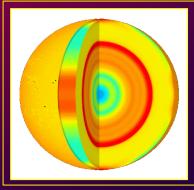
Better Observation Of The Sun And Earth



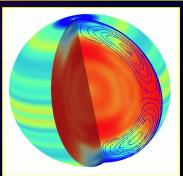
Sun's Internal Structure





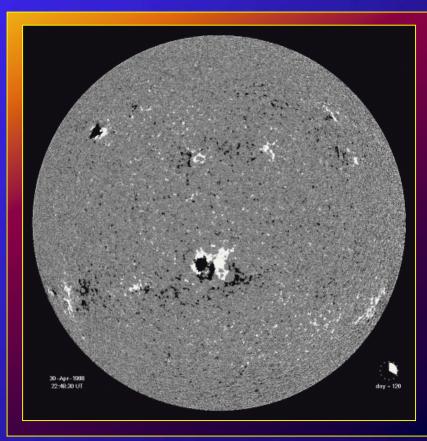


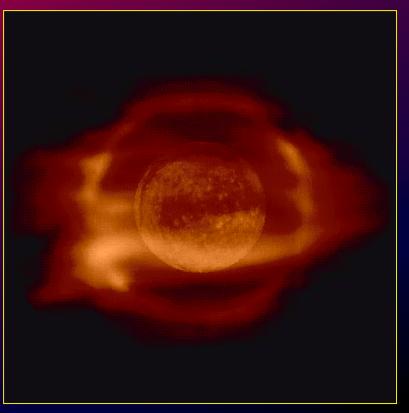
The globes to the left and right represent variations in temperature and rotation of the Sun based on MDI data.





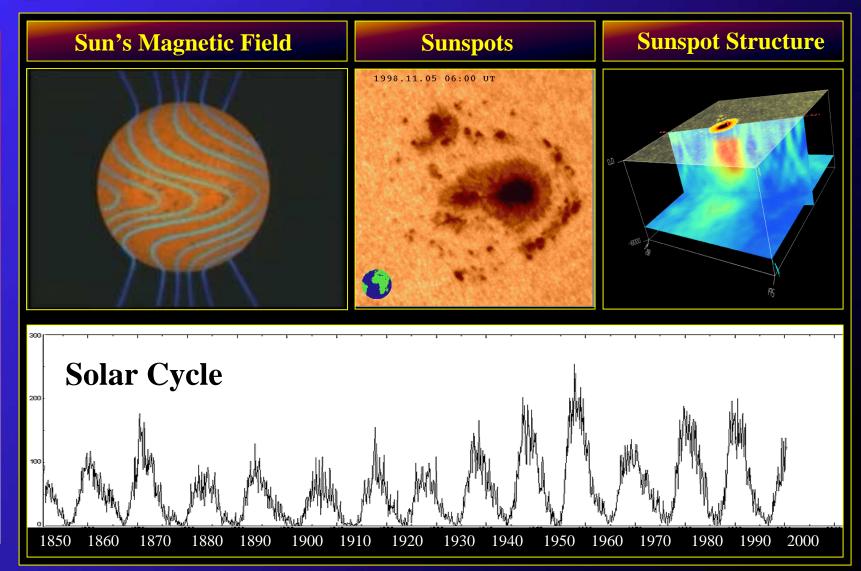
Surface And Atmosphere Of The Sun





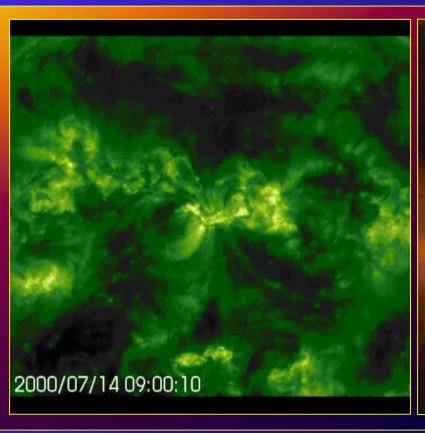


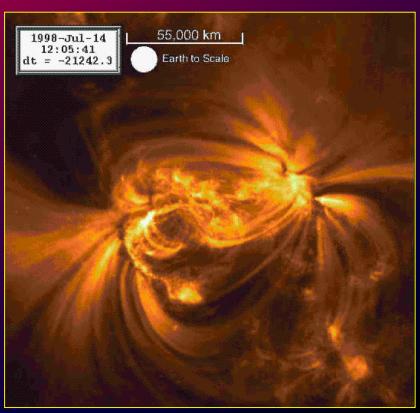
Sunspots





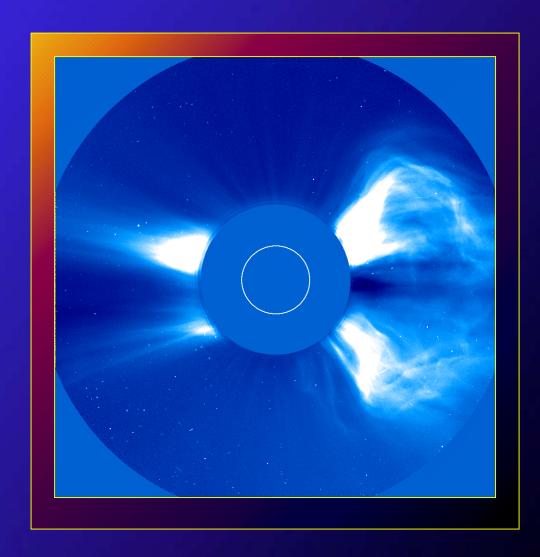
Solar Flares





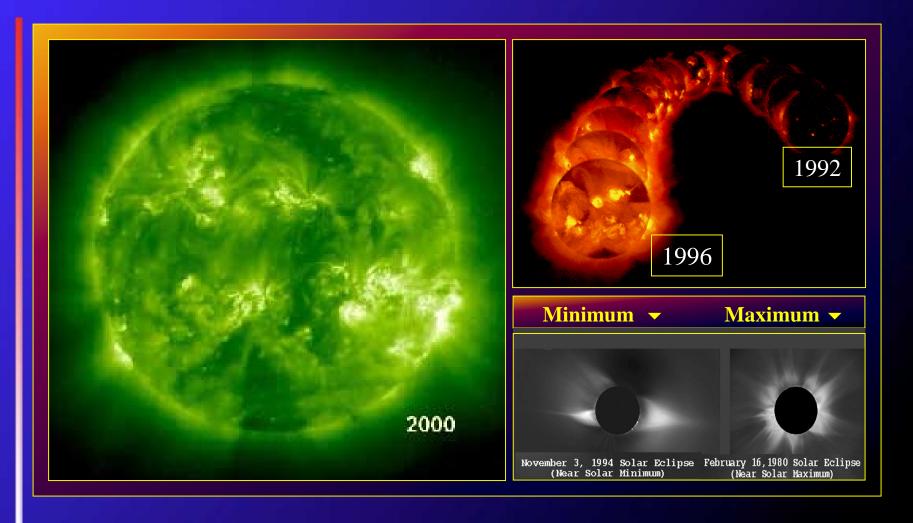


Coronal Mass Ejections



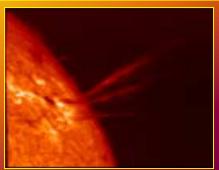


Solar Cycles

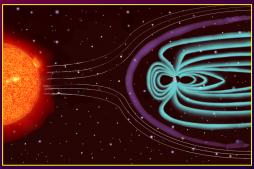




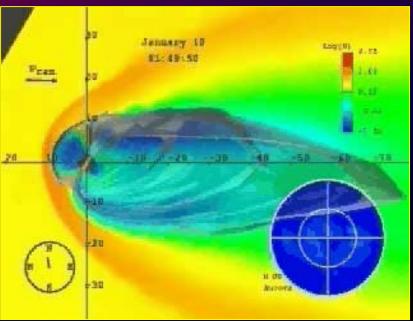
Solar Wind



The solar wind consists of plasma that is continually being released from the Sun.

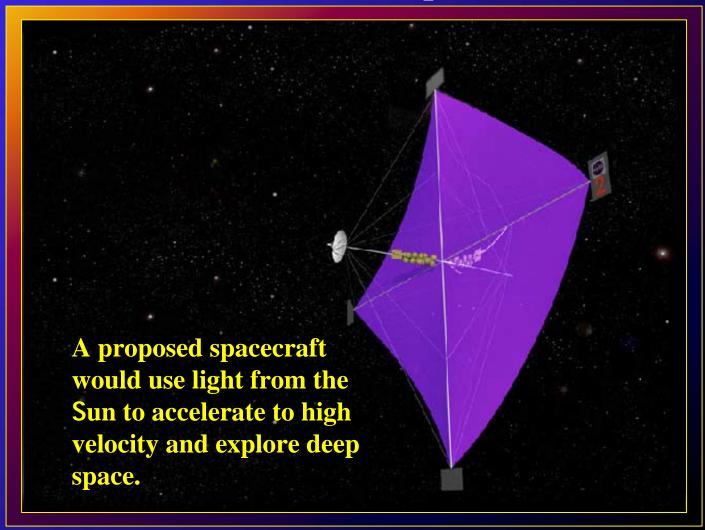






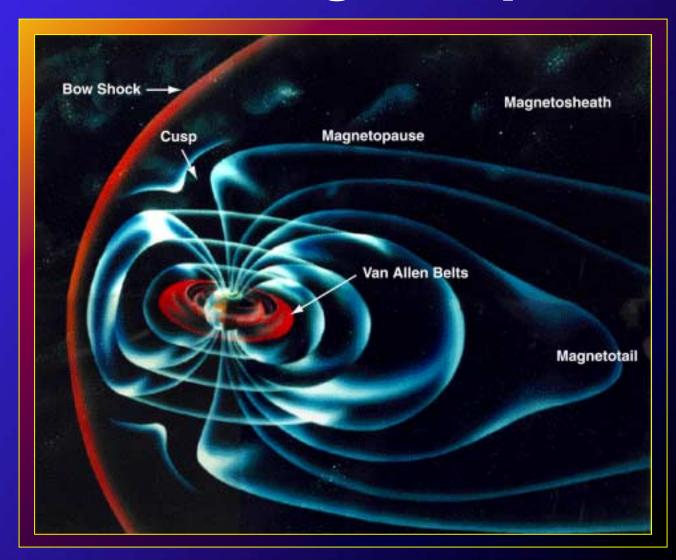


Solar Sail Interstellar Exploration





Earth's Magnetosphere





Coronal Mass Ejections: Crossing the Earth's Path







Coronal Mass Ejections: Impact On Earth



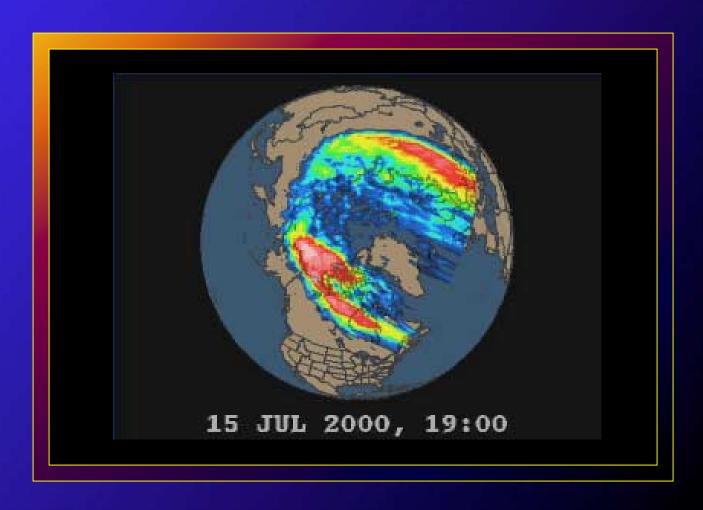


Aurora: Points of View

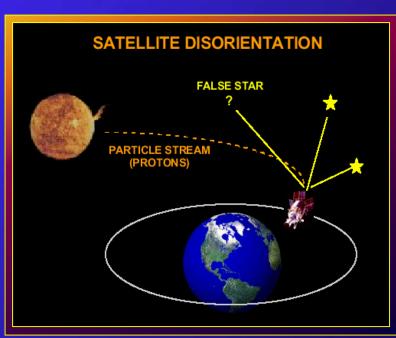




Aurora: Lights in Motion



Space Weather: Effects On Orbiting Spacecraft







Space Weather: Effects On Satellite Sensors



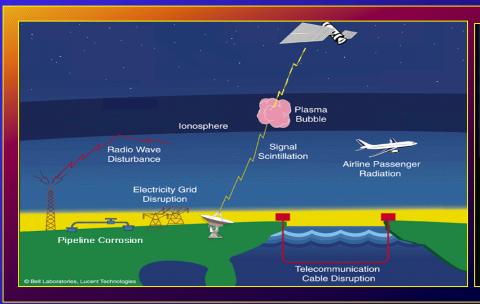
Solar Storms: Effects on Humans in Space







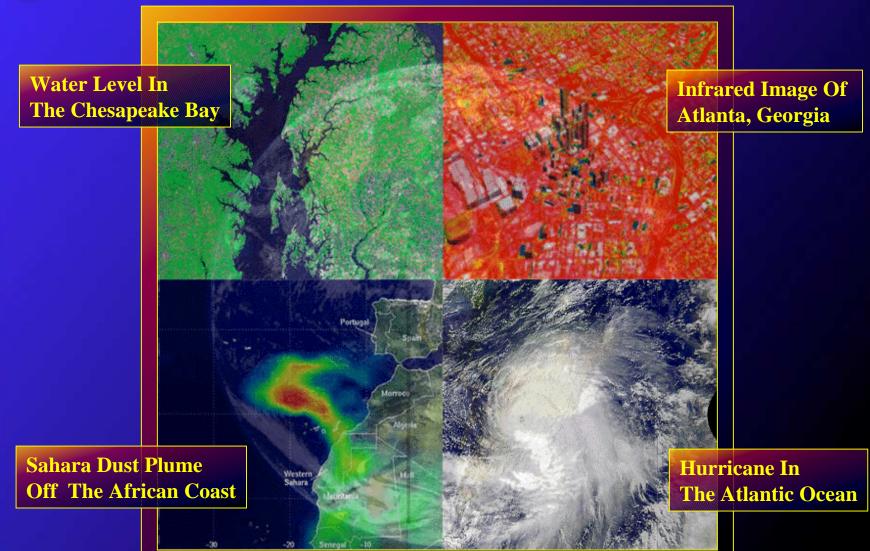
Solar Storms: Effects On Societal Systems







The Sun's Energy: Driver of Earth Weather





Sun-Earth Connection

